

# LEETH EVALUATION

|                        |  |                          |  |           |  |        |  |        |  |        |  |        |  |
|------------------------|--|--------------------------|--|-----------|--|--------|--|--------|--|--------|--|--------|--|
| Company                |  | INDIAN OIL COMPANY, INC. |  |           |  |        |  |        |  |        |  |        |  |
| Well                   |  | WARREN #4-35             |  |           |  |        |  |        |  |        |  |        |  |
| Field                  |  | MEAIRS                   |  |           |  |        |  |        |  |        |  |        |  |
| County                 |  | BARBER                   |  | State     |  | KANSAS |  |        |  |        |  |        |  |
| Location               |  | SEC 35 TWP 30S           |  | RGE 12W   |  |        |  |        |  |        |  |        |  |
| Spot                   |  | 3040'FSL 2380'FEL        |  |           |  |        |  |        |  |        |  |        |  |
| API Well Number        |  | 15-007-24407-0000        |  | Elevation |  |        |  |        |  |        |  |        |  |
| Permanent Datum        |  | GROUND LEVEL             |  | Elevation |  | K.B.   |  |        |  |        |  |        |  |
| Log Measured From      |  | K.B.                     |  | A.G.L.    |  | K.B.   |  |        |  |        |  |        |  |
| Drilling Measured From |  | KELLY BUSHING            |  |           |  | D.F.   |  |        |  |        |  |        |  |
|                        |  |                          |  |           |  | G.L.   |  |        |  |        |  |        |  |
|                        |  |                          |  |           |  |        |  |        |  |        |  |        |  |
| Description            |  | Zone 1                   |  | Zone 2    |  | Zone 3 |  | Zone 4 |  | Zone 5 |  | Zone 6 |  |
| Date                   |  | 03/16/22                 |  |           |  |        |  |        |  |        |  |        |  |
| Top Parameter Depth    |  | 3500                     |  |           |  |        |  |        |  |        |  |        |  |
| Bottom Parameter Depth |  | 4736                     |  |           |  |        |  |        |  |        |  |        |  |
| Bit Size               |  | 7.875                    |  |           |  |        |  |        |  |        |  |        |  |
| BHT                    |  | 123                      |  |           |  |        |  |        |  |        |  |        |  |
| Rmf @ FT               |  | 0.29                     |  |           |  |        |  |        |  |        |  |        |  |
| Rw @ FT                |  | 0.04                     |  |           |  |        |  |        |  |        |  |        |  |
| Location               |  | WICHITA                  |  |           |  |        |  |        |  |        |  |        |  |
| Evaluation By          |  | R. LEETH                 |  |           |  |        |  |        |  |        |  |        |  |
| Recommended Perf / SPF |  |                          |  |           |  |        |  |        |  |        |  |        |  |
| Recommended Perf / SPF |  |                          |  |           |  |        |  |        |  |        |  |        |  |

We do not guarantee results, nor make warranties either expressly or implied. Under no circumstances shall we be liable damages relative to this evaluation.

## LOG DATA

| Name        | Description                                      |
|-------------|--------------------------------------------------|
| DEPTH.FT    | depth                                            |
| CNPOR.PU    | Compensated Neutron porosity                     |
| DCAL.IN     | Compensated Density caliper                      |
| DPOR.PU     | Compensated Density porosity                     |
| GR.API      | gamma ray                                        |
| MEL15.OHM-M | 1.5 inch Microinverse resistivity                |
| MEL20.OHM-M | 2 inch Micronormal resistivity                   |
| MELCAL.IN   | Microlog caliper                                 |
| PE.         | Photoelectric Pffect                             |
| RHOC.G/CC   | Compensated Density correction                   |
| RILD.OHM-M  | Deep Induction resistivity                       |
| RILM.OHM-M  | Medium Induction resistivity                     |
| RLL3.OHM-M  | Short Guard resistivity                          |
| RxoRt.      | ratio of shallow resistivity to deep resistivity |
| SP.MV       | spontaneous potential                            |
| SPOR.PU     | Sonic porosity                                   |

## EVALUATION DATA

| Name          | Description                                                |
|---------------|------------------------------------------------------------|
| DEPTH.FT      | depth                                                      |
| BIT.IN        | bit size                                                   |
| BVWb.V/V      | bulk volume water in matrix porosity system                |
| BVWs.V/V      | bulk volume water in secondary porosity system             |
| BVWsgxo.V/V   | bulk volume water in the flushed zone system               |
| CALI.IN       | caliper                                                    |
| Dh.G/CC       | hydrocarbon density                                        |
| DMAA.G/CC     | apparent matrix density                                    |
| DSRGIP.MMCFG  | delta sum recoverable gas in place                         |
| DSROIP.BO     | delta sum recoverable oil in place                         |
| DSUMQg.MCFGPD | delta sum of productive gas                                |
| DSUMQo.BOPD   | delta sum of productive oil                                |
| DSUMQw.BVPD   | delta sum of productive water                              |
| GR.API        | gamma ray                                                  |
| Khb.MD        | permeability to hydrocarbon from matrix porosity system    |
| Khs.MD        | permeability to hydrocarbon from secondary porosity system |
| ms.DEC        | cementation exponent for secondary porosity system         |
| OOM.DEC       | oomoldic flag                                              |
| PSGC.V/V      | gas corrected sonic porosity                               |
| PX.V/V        | crossplot porosity                                         |
| Rds.OHMM      | calculated deep resistivity                                |
| SP.MV         | spontaneous potential                                      |
| SUMQg.MCFGPD  | sum of productive gas                                      |
| SUMQo.BOPD    | sum of productive oil                                      |
| SUMQw.BVPD    | sum of productive water                                    |
| SUMRGIP.MMCFG | sum of recoverable gas in place                            |
| SUMROIP.BO    | sum of recoverable oil in place                            |
| Swb.V/V       | water saturation in matrix porosity system                 |
| Sws.V/V       | water saturation in secondary porosity system              |
| Sxo.V/V       | water saturation of the flushed zone                       |
| VSH.V/V       | shale volume                                               |





